INDEX TO PRINCIPAL CONTENTS

Title	Author	Month	Page
Aluminium Diecasting Industries, Production Control in the	C. Harris	June	28
Arc Welding Techniques in Germany, Present State of	Dr. Fr. Weyland	April	27
Automobile Castings from the Buyers' Point of View	E. E. Becker	April	3
Carlton Centre — Johannesburg	A. Malkin	Oct.	33
Casting in the Manufacture of Engine Components, The Role of	Dr. J. A. Reynolds	March	17
Cleaning of Solid Metal Parts	V. H. Furlong	August	39
Cold Box Process, An Introduction to the	E. T. Attenborough	November	23
Cold Setting Core Making Processes, Review of	R. G. Barker	August	42
Construction of Highveld Steelworks	R. Stewart	February	3
Diffused Semiconductor Manufacture, Outline of	M. Crooke and S. Wittstock	November	3
Ecological Considerations in Modern Arc Welding	P. C. Hobart	February	13
Effective Business Communications	P. H. Pettifor	March	37
Electron Beam Welding	C. J. van Lamp	August	23
Fatigue in Industry	D. W. F. Bendix	February	29
Foundry Cost Control	M. Postma	February	41
Foundry Course in Cape		December	13
Gravity Diecasting	J. de Jonge	June	34
Hanover Machine Tool Fair Review		December	25
Hardfacing an Engineering Tool	M. D. Smart	March	3
Imaging Method for Industrial Radiography	R. F. Krohn	May	13
Industrial Gases and Metallurgical Operations	F. R. Hughes	December	3
Industrial Robots, the Future of	P. J. Natzler	December	17
I. Prod, E., Valedictory Address	Dr. W. A. Woeber	August	16
Manual Metal Arc Welding	L. J. Lalor	September	17
Metrology of Surfaces, The	T. O'D. Duggan	September	45
Metals for Tumbling Mill Liners, Development of	S. Jane	May	23
N.C. Machine Tools, Why Buy?	A. C. Turner	May	44
NIPR in the Service of Industry	R. S. Hall	May	3
Numerical Control in South Africa.	K. R. McCusker & K. N. Greggor	December	55
Numerical Control Society News		March	52
Numerical Control Society, Report on American 10th			
Practical Quality Control in Jobbing Manufacture	R. T. Shaw	April	11
Pressure Diecasting, Techniques of	J. V. Chatterton	June	23
Primitive Iron Smelting in South Africa	Udo S. Küsel	October	21
Production Technology, Some Important Aspects of	Prof. G. F. Micheletti	July	15
Scientific Inventory Management in Perspective	E. S. Russell	September	39
Statistical Control of Quality Manufactured Products	Dr. W. A. Woeber	January	9
Stud Welding	A. R. Cowland	November	35
Synthetic Diamonds, Production of	R. Venter, L. Bialy & M. C. de Malherbe	June	41
S.A.A.N.D.T. Qualifications for N.D.T. Personnel		December	64
S.A.I.F. Apprentice Competition and Works Visit		January	3
S.A.I.F. Visit to Afrox		May	30
S.A.I.F. Library Catalogue		May	36
S.A.I.F. Natal Branch Annual Dinner		June	58
S.A.I.F. Annual Dinner		September	3
S.A.I.F. Annual Report		September	8
S.A.P.I.C.S. Seminar — Opening Address	J. V. L. Vos	January	42
S.A. Numerical Control Society — Annual Report	K. R. McCusker	January	39
S.A.I.W. Works Visit to Union Carriage at Nigel		January	27
S.A.I.W. Symposium Summary	C. E. Mavrocordatos	January	34
S.A.I.W. Tour of Europe — Itinerary		August	30
S.A.I.W. in Rhodesia — Salisbury Branch		February	26
S.A.I.W. Annual Dinner		June	3
S.A.I.P.E. Seminar Summary	P. H. Pettifor	January	21
S.A.I.P.E. in Durban		April	21
S.A.I.P.E. Annual Report		August	3
S.A.I.P.E. visit to Carlton Centre		April	23
S.A.N.C.S. Annual Meeting and Conference	K. R. McCusker	December	51
S.A. Society for Quality Control established		June	68
Time-Sharing Computer Access for Economical NC Tape Preparation, Example of the Use of	D. W. Brown	June	51
Trained Instructors Mean Better Apprentice Training	D. Worth	August	46
Welding of Quenched and Tempered Steels from Roller Quench Units	R. C. de Villiers	July	29
Welding in the Aircraft Industry	G. Bailey	July	42
Welding and the Engineer	W. L. Ferris	October	3
X.-Ray Equipment and its Uses in Industry	J. J. Marais	July	3

AUTHOR'S INDEX —VOL . XIII

Attenborough E. T.	Nov.	23
Bailey G.	July	42
Barker R. G.	Aug.	42
Becker E. E.	April	3
Bendix D. W. F.	Feb.	29
Bialy L.	June	41
Brown D. W.	June	51
Chatterton J. V.	June	23
Cowland A. R.	Nov.	35
Crooke M.	Nov.	3
de Jonge J.	June	34
de Malherbe	June	41
de Villiers R. C.	July	29
O'D. Duggan T.	Sept.	45
Ferris W. L.	Oct.	3
Furlong V. H.	Aug.	39
Greggor K. N.	Dec.	55
Hall R. S.	May	3
Harris C.	June	28
Hobart P. C.	Feb.	13
Hughes F. R.	Dec.	3
Jane S.	May	23
Krohn R. F.	May	13
Küsel Udo S.	Oct.	21
Lalor L. J.	Sept.	17
Malkin A.	Oct.	33
Marais J. J.	July	33
Mavrocordatos C. E.	Jan.	34
McCusker K. R.	Dec.	51, 55
McCusker K. R.	Jan.	39
Micheletti, Prof. G. F.	July	15
Natzler P. J.	Dec.	17
Pettifor P. H.	Jan.	21
Pettifor P. H.	Mar.	37
Postma M.	Feb.	41
Reynolds. Dr. J. A.	Mar.	17
Russell E. S.	Sept.	39
Shaw R. T.	April	11
Smart M. D.	March	3
Stewart R.	Feb.	3
Turner A. C.	May	44
van Lamp C. J.	Aug.	23
Venter R.	June	41
Vos J. V. L.	Jan.	42
Weyland Dr. Fr.	April	27
Wittstock S.	Nov.	3
Woeber, Dr. W. A.	Aug.	16
Woeber, Dr. W. A.	Jan.	9
D. Worth	Aug.	46